

What is claimed is:

1. A system for automatic optimizing and rapid booking of reservations for services, comprising:

- a. a reservation data sorter for constantly monitoring, receiving and sorting electronic data signals comprising information describing service availability for selected services from service providers;
- b. a communication subsystem for allowing a user of the system to be identified and located by the system, access the system, and for the reservation data sorter to communicate with the user; and
- c. a comparison subsystem for comparing the prioritized needs of a user accessing the system with the availability of the service, thereby enabling and providing a rapid optimized and prioritized reservation at any time the user communicates with the system.

2. The system of claim 1 in which the reservation data sorter comprises at least one data server.

3. The system of claim 1 in which the communication subsystem comprises a cellular phone for use by the user of the system and a communications interface at the reservation data sorter.

4. The system of claim 1 in which the communication subsystem comprises a phone for use by the user of the system and a communications interface at the reservation data sorter.

5. The system of claim 1 in which the communication subsystem comprises an electronic interface for use by the user of the system and a communications interface at the reservation data sorter.

6. The system of claim 1 in which the comparison subsystem comprises a software algorithm for sorting streams of signal data and identifying the available services which match a preference set of services identifiable to a specific user.

7. The system of claim 6 in which the comparison subsystem further comprises software for constantly prioritizing and matching the available services and user preferences, with the software thereby creating a constantly updated user file which is  
5 assemblable for communication to a user upon access to the system by the user.

8. The system of claim 1 in which the reservation data sorter and the communication subsystem comprise interfaces which enable communication of reservation information to a user in less than one minute following connection of the  
10 user to the system.

9. The system of claim 1 in which the reservation data sorter and the communication subsystem comprise interfaces which enable communication of reservation information to a user in less than 45 seconds following connection of the  
15 user to the system.

10. The system of claim 1 in which the reservation data sorter and the communication subsystem comprise interfaces which enable communication of reservation information to a user in less than 30 seconds following connection of the  
20 user to the system.

11. The system of claim 1 in which the reservation data sorter and the communication subsystem comprise interfaces which enable communication of reservation information to a user in less than 15 seconds following connection of the  
25 user to the system.

12. The system of claim 1 in which the communication subsystem comprises biometrics identification means for identifying the user.

30 13. The system of claim 1 in which the communication subsystem comprises biometrics identification means for interfacing with the user.

14. The system of claim 1 in which the comparison subsystem comprises interface means for cooperating with the reservation data sorter to activate a bidding operation with at least one provider of services desired by the user.

5 15. The system of claim 14 in which the bidding operation is automatically activated when certain conditions are met.

16. The system of claim 14 in which the bidding operation is electively activated by the user of the system.

10 17. A system for automatic optimizing and rapid booking of reservations for services, comprising:

- 15 a. at least one reservation data sorter for receiving and sorting electronic data signals comprising information describing service availability for selected services;
- b. a communication subsystem for allowing a user of the system to access the system and for the reservation data sorter to communicate with a user of the system;
- 20 c. a comparison subsystem for comparing the needs of a user accessing the system with the availability of the service in order to achieve an optimum reservation preference at any time the user communicates with the system; and
- 25 d. a bidding subsystem cooperating with at least the reservation data sorter for bidding for services from a service provider; wherein the user will receive optimized reservations by bidding to a pre-selected level for services made available subject to bidding operations.

18. The system of claim 17 in which the system provides alerts to the user of bidding options or levels.

30 19. The system of claim 17 in which the bidding operation is automatically activated when certain conditions are met.

20. The system of claim 17 in which the bidding operation is electively activated by the user of the system.

21. A business method for constantly providing instant service reservations upon user demand regardless of location, comprising the steps of:

- a. implementing data transmission and handling agreements to receive electronic data signals from service providers and to allow instant reservations services and constant updating of the data transmitted;
- b. providing at least one reservation data sorter configured for constantly receiving and sorting electronic data signals comprising information describing real-time service availability for selected services;
- c. configuring communication means for allowing a user of the system to access the system using telephone, a personal digital assistant, or other electronic means for communicating, and for the reservation data sorter to communicate with the user; and
- d. providing a comparison subsystem for comparing the service needs of a user accessing the system with the current availability of the needed service in order to achieve an optimum reservation preference at any time and at any location the user communicates with the system and to communicate a confirmed optimum reservation preference to the user during the same telephone call that was initiated by the user.

22. The method of claim 21 in which the step of providing a comparison subsystem includes providing software and algorithms for sorting streams of signal data and identifying the available services which match a preference set of services identifiable to a specific user.

23. The method of claim 21 in which the step of providing a comparison subsystem includes providing software for constantly prioritizing and matching the available services and user preferences, with the software thereby creating constantly updated user file elements which are location dependent and rapidly assemblable for communication to a user upon access to the system by the user.

24. The method of claim 21 in which the reservation data sorter and the communication subsystem comprise interfaces which enable communication of reservation information to a user in less than one minute following connection of the user to the system.

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25. The method of claim 21 in which the reservation data sorter and the communication subsystem comprise interfaces which enable communication of reservation information to a user in less than 15 seconds following connection of the user to the system.

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26. The method of claim 21 in which the communication subsystem comprises biometrics identification means for identifying the user.

27. The method of claim 21 in which the communication subsystem comprises biometrics identification means for interfacing with the user.

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28. The method of claim 21 in which the step of providing a comparison subsystem comprises the step of coordinating the reservation data sorter to activate a bidding operation with at least one provider of services desired by the user.

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29. The method of claim 28 in which the step of configuring a communicating subsystem comprises the step of activating means for providing alerts to the user of bidding options or levels.

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30. The method of claim 28 in which the step of configuring a communicating subsystem comprises the step of providing digital or aural alerts to the user of bidding options or levels.

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31. The method of claim 30 in which the step of transmitting digital or aural signals to a user includes the step of transmitting a voice communication in a voice that is pre-selected and customized for the particular user.

32. An accessible electronic memory configured for storing, accessing and deleting rapidly changing data by an application program being executed on a data processing sub-system, comprising:

- a. a data structure stored in an electronic memory, said data structure including information resident in a database used by an application program and including:
- b. at least one identifying characteristics data file set stored in said memory, each of said data file set(s) containing information unique to a specific user;
- c. at least one preference data file set stored in said memory, each of said data file set(s) containing information relating to service preferences of a specific user; and
- d. a plurality of data files containing constantly updated service availability data from a plurality of service providers; wherein the data structure and manipulation is configured to allow rapid access to the preference data file and the service availability data files to conduct comparison operations with at least one identifying data file set suitable for location-dependent service needs of the user.

33. The memory of claim 32 in which the application program is executable by use of a telephone.

34. A data processing system executing an application program and containing a database used by said application program, said data processing system comprising:

- a. a processing subsystem for processing an application program; and
- b. electronic memory means configured for storing and deleting rapidly changing data accessible by said application program, comprising:
  - a data structure stored in said memory means, said data structure including
  - information resident in a database used by said application program and including:

at least one identifying characteristics data file set stored in said memory means, each of said data file sets containing information unique to a specific user;

at least one preference data file set stored in said memory means, each of said data file sets containing information relating to service preferences of a specific user;

a plurality of data files containing constantly updated service availability data from a plurality of service providers;

- c. wherein the data structure allows rapid access to the preference data file and the service availability data files to conduct comparison operations with at least one identifying data file set suitable for location-dependent service needs of the user.

35. A computer data signal embodied in a transmission medium comprising:

- a. a registration source code corresponding to a unique, location-dependent, service availability and useful for confirming assignment of a specific service to a requester of that service; and
- b. a carrier medium suitable for carrying the registration source code to a location and configured so that the registration source code is retrievable from the carrier medium for retention by the user if the specific service is obtained by the user.

36. A business method for constantly providing instant service reservations upon user demand regardless of location and maximizing use of service provider services,

comprising the steps of:

- a. implementing data transmission and handling agreements to receive electronic data signals from service providers and to allow instant reservations services and constant updating of the data transmitted;
- b. providing at least one reservation data sorter configured for constantly receiving and sorting electronic data signals comprising information describing real-time service availability for selected services;
- c. configuring communication means for allowing a user of the system to access the system using telephone, a personal digital assistant, or other

electronic means for communicating, and for the reservation data sorter to communicate with the user; and

d. providing a comparison subsystem for comparing the service needs of a user accessing the system with the current availability of the needed service in order to achieve an optimum reservation preference at any time and at any location the user communicates with the system, and to utilize the step of activating means for providing either automatic or selective bidding operations with the service provider to ensure the needs of the user and the service provider are met and to communicate a confirmed optimum reservation preference to the user during the same telephone call that was initiated by the user.

37. The method of claim 36 in which the bidding operations include the assignment of bonus or other reward credits to a loser and a winner of a bidding operation.

38. The method of claim 36 in which the bidding operations include the assignment of quantitative bidding credits to one or more parties engaged in a bidding operation based on prior or committed spending profiles of each bidder in relation to the service involved in the bidding operation or a designated affiliate service.

39. A computer implemented network-enabled system configured for implementing the method of automatically determining which connection protocols to follow to rapidly connect one or more remote persons to a database network for rapid data exchange and analysis, said system being characterized in that it comprises:

- a. at least one reservation data sorter for receiving and sorting electronic data signals comprising information describing service availability for selected services;
- b. a communication subsystem for allowing a user of the system to access the system and for the reservation data sorter to communicate with a user of the system;
- c. a comparison subsystem for comparing the needs of a user accessing the system with the availability of the service in order to achieve an optimum



reservation preference at any time the user communicates with the system;  
and

- d. a bidding subsystem cooperating with at least the reservation data sorter  
for bidding for services from a service provider; wherein the user will  
receive optimized reservations by bidding to a pre-selected level for  
services made available subject to bidding operations.

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